PATENT APPLICATION

Attorney Docket No.	2223-04501
First Inventors	Fredirick B. GROWCOCK and James E. FRIEDHEIM

Title Stabilized Colloidal and Colloidal	TRANSMITTAL									
APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents. ADDRESS TO; Commissioner for Patents P. O. Box 1450 Arlington VA 22313-1450 Arlin	(Only for now nonprovisional applications under 37 CFR 1 53(h))									
ADDRESS TO, Commissioner for Patents See MPEP chapter 600 concerning utility patent application contents. ADDRESS TO, Consultation P. O. Box 1450 Arlington VA 22313-1450 7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) See 37 CFR 1.27. 3. Specification [Total Pages 18] Independent an engine and a deplication pre-processing (Independent armagement set forth below) - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Claim(s) - Abstract of the Disclosure - Claim(s) - Abstract of the Disclosure - Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed) - Detailed Description of Internation Signal and Internation Signal and Internation Statement (IDS)/PTO-1449 - English Translation Document (If applicable) 11. English Translation Document (If applicable) 12. Information Disclosure 13. Preliminary Amendment 14. Return Receipt Postcard (MPEP 503) (Should be specification Request under 35 U.S.C. 122(b)(2)(B)(j)), Applicant must attach form PTO/SB/35 or its equivalent. 15. Cartified Copy of Priority Document(s) - Commission of Prior application No. Companying continuation Prior application No. Group Application No. Companying continuation and Prior application No. Companying Continuation Prior application No. Internation Supplied under Box Sp. to considered a part of the disclosure of the secondarying continuation or divisional application and the brethy heroperated by reference. The Incorporatio	(Only for new nonprovisional applications under 37 CFR 1.33(0))				Expres	s Mail Label No.				1
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2. Applicant claims small entity status. See 37 CPR 1.7. 3. Specification		See N	IPEP chapte	r 600 concerning utility patent application con	itents.		Arlington	VA 223		77
2. Applicant claims small entity status. See 37 CPR 1.7. 3. Specification	1.	\boxtimes	Fee Tran	smittal Form (e.g., PTO/SB/17)						28
Sec 37 CFR 1.27. (if applicable, all necessary)		-	(Submit an ort	iginal and a duplicate for fee processing)		Computer Program (Appendix)				
Specification	2.					(if applicable, all necessary)				
CD-ROM or CD-R (2 copies); or paper pape	3.	\boxtimes	Specifica	tion [Total Pages 18]			cation Sequen	ce Listing	on:	
- Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure 4.						∷ ⊨	3	or CD-R (2 copies); or	
- Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure 4.						<u></u>		ving ident	tity of above cor	oies
or a computer program listing appendix Background of the Invention Brief Summary of the Invention Brief Summary of the Drawings (iffiled) Detailed Description Claim(s) Claim(s) Abstract of the Disclosure Drawing(s) (35 U.S.C. 113) [Total Sheets I] One of the Drawings of the Drawings of the Disclosure Drawing(s) (35 U.S.C. 113) [Total Pages] One of the Drawing of the Drawing of the Drawing of the Drawing of the Disclosure Drawing of the Disclosure Drawing of the Disclosure Copies of IDS Statement (IDS)/PTO-1449 Citations			- Stateme	nt Regarding Fed sponsored R & D						
- Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure 4.			or a cor	nputer program listing appendix		9. Assig	gnment Papers	s (cover sh	eet & document	t(s))
- Detailed Description - Claim(s) - Abstract of the Disclosure 4.			- Brief Su	ımmary of the Invention					_	
- Claim(s) - Abstract of the Disclosure 4.						`		• .		.)
4. □ Drawing(s) (35 U.S.C. 113) [Total Sheets 1] 5. Oath and Declaration [Total Pages] a. □ Newly executed (original or copy) b. □ Copy from a prior application (37 CFR 1.63(d))			- Claim(s)						
5. Oath and Declaration [Total Pages] a. Newly executed (original or copy) b. Copy from a prior application (37 CFR 1.63(d))	4	I⊠I								
a. Newly executed (original or copy) b. Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed) i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 6. Application Data Sheet. See 37 CFR 1.76 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first stntence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Examiner Prior application information: For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS City State Zip Code Country Return Receipt Postcard (MPEP 503) (Should be specifically itemized) (If foreign priority is claimed) 15. Certified Copy of Priority Document(s) (If foreign priority is claimed) 16. Nonpublication Request under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. 17. Other: 18. If a CONTINUING TOLICATION, check appropriate box, and supply the requisite information below and in the first street of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS Market La D. WATKINS Registration No. (Attorney/Agent) 36,962		Oat	Ū		1	13. Preliminary Amendment				
(for continuation/divisional with Box 18 completed) i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 16. Nonpublication Request under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. 17. Other: 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first stntence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76: Of prior application information: Continuation Divisional Continuation-in-Part (CIP) of prior application No.: Group/Art Unit: Prior application information: Group/Art Unit:	J.	a.	☐ New	ly executed (original or copy))))]					
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 16. Nonpublication Request under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. 17. Other: 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first stntence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76: Or prior application information: Continuation Divisional Continuation-in-Part (CIP) Of prior application No.: Group/Art Unit: For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The Incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. Correspondence address below Name State Zip Code Zip Code Country Telephone Fax Country Telephone Fax Country Telephone Teleph		U.	(for	continuation/divisional with Box 18 comp						
1.63(d)(2) and 1.33(b). 1.22(b)(2)(B)(3) (Applicant must attach form PTO/SB/35 or its equivalent. 1.7.)					
6. Application Data Sheet. See 37 CFR 1.76 Application Data Sheet. See 37 CFR 1.76 17.	named in the prior application, see 37 CFR									
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first stntence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76: Continuation	6. Application Data Sheet. See 37 CFR 1.76				PTO	/SB/35 or its				
stntence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation-in-Part (CIP) of prior application No.: Group/Art Unit: For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS City Customer Number of Bar Code Label 23505 or Correspondence address below Name Address City State Zip Code Country Telephone Fax Name (Print/Type) MARCELLA D. WATKINS Registration No. (Attorney/Agent) 36,962										~ .
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Sb, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS Customer Number of Bar Code Label 23505 Correspondence address below						anian analization fuo			lon is supplied und	ar Bar
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Name (Print/Type) MARCELLA D. WATKINS Registration No. (Attorney/Agent) 36,962	City		State			Zip Code				
							Fax			
Signature Date FEBRUARY 3, 2004	Name (Print/Type) MARCELLA D. WATKINS					Registration No. (Attorney/Agent) 36,962				
	Sig	natur	e	VIII auch Dix	Un	Date FEBRUARY 3, 2004				

The collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA. 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



Fee

6805	Under the Paperwork Reduction Act of 1995, no persons a
U.S.	FEE TRANSMITTA
S. PT	For FY 2004

TOTAL AMOUNT OF PAYMENT

Application Number Not Yet Assigned Filing Date Concurrently Herewith (February 3, 2004) First Named Inventor Frederick B. GROWCOCK and Effective 10/01/2003. Patent fees are subject to annual James E. FRIEDHEIM

\$ 1,216.00

revision. Examiner Name Not Yet Assigned Applicant claims small entity status. See 37 CFR 1.27 Not Yet Known Art Unit Attorney Docket No. 2223-04501

3. ADDITIONAL FEES

Large Entity Fee Fee

130

50

Code (\$)

1051

1052

1053 130 Small Entity

Fee

25

Fee

Code (\$)

2051

2052

1053

METHOD OF PAYMENT (Check all that apply)

FEE CALCULATION (continued)

Fee Description

fee or cover sheet 130 Non-English specification

Surcharge - late filing fee or oath

Surcharge - late provisional filing

Complete if Known

	Check	☐ Credit Card	☐ Money Order	Other None						
×		ccount: ccount Number: ccount Name:	03-2769 Conley Rose,	P.C.						
⊠ ⊠ to t	The Director is authorized to: (check all that apply) ☐ Charge fee(s) Indicated below ☐ Charge any additional fee(s) during the pendency of this application ☐ Charge fee(s) indicated below, except for the filing fee o the above-identified deposit account ☐ Credit any overpayments									
	FEE CALCULATION									
1.	BASIC Large Entit	FILING FEE y Small Entity Fee Fee	Fee Description							

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Large Entity Small Entity		Entity					
	Fee	Fee	Fee	Fee	Fee Description		
	Code	(\$)	Code	(\$)		Fee Paid	
	1001	770	2001	385	Utility filing Fee	s 770.00	
	1002	340	2002	170	Design filing fee	\$	
	1003	530	2003	265	Plant filing fee	\$	
	1004	770	2004	385	Reissue filing fee	\$	
	1005	160	2005	80	Provisional filing fee	\$	
					SUBTOTAL (1)	\$ 770.00	

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Fee from Fee Paid Extra Claims below 18.00 = \$360.00 86.00 = \$086.00 **Total Claims** 40 20 x Independent Claims Multiple Dependent 290.00 = \$ 00.00 Large Entity Small Entity

Fee	Fee	Fee	Fee	Fee Description
Code	(\$)	Code	(\$)	
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent Claims in excess of 3
1203	290	2203	145	Multiple dependent claim, if not paid
1204	86	2204	43	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) \$ 446.00 * or number previously paid, if greater; For Reissues, see above

MARCELLA D. WATKINS

	1033	130	1033	150	Non-English specification	•
	1812	2,520	1812	2,520	For filing a request for ex parte	
					reexamination	\$
	18042	920*	1804	920*	Requesting publication of SIR prior	_
					to Examiner action	\$
	1805	1,840*	1805	1,840*	Requesting publication of SIR after	
					Examiner action	\$
	1251	110	2251	55	Extension for reply within first month	\$
	1252		2252	210	Extension for reply within second month	\$
	1253	950	2253	475	Extension for reply within third month	\$
	1254	1,480	2254	740	Extension for reply within fourth month	S
	1255	2,010	2255	1,005	Extension for reply within fifth month	\$
	1401	330	2401	165	Notice of Appeal	S
	1402		2402	165	Filing a brief in support of an appeal	\$ \$ \$ \$ \$
	1403		2403	140	Request for oral hearing	s
	1451	1,510	1452	1,510	Petition to institute a public use	
					proceeding	\$
	1452	110	2452	55	Petition to revive - unavoidable	\$
		1,330	2453	665	Petition to revive - unintentional	S
		1,330	2501	665	Utility issue fee (or reissue)	2
	1502	480	2502	240	Design issue fee	\$
	1503	640	2503	320	Plant issue fee	\$ \$ \$ \$
	1460	130	1460	130	Petitions to the Commissioner	\$
	1807	50	1806	50	Processing fee under 37 CFR 1.17(g)	\$
	123	50	123	50	Petitions related to provisional applications	\$
	1806		1806	180	Submission of Information Disclosure Stmt	\$
	8021	40	8021	40	Recording each patent assignment per	
					property (times number of properties)	\$
	1809	770	2809	385	Filing a submission after final rejection	
					(37 CFR § 1.129(a))	\$
	1810	770	2810	385	For each additional invention to be	_
					examined (37 CFR § 1.129(b))	\$
	1801	770	2801	385	Request for Continued Examination (RCE)	\$
	1802	900	1802	900	Request for expedited examination	
					of a design application	S
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Complete (if applicable)

(713) 238-8000

FEBRUARY 3, 2004

Telephone

Date

36,962

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Registration No.

(Attorney/Agent)

119019.01/2223/04501

SUBMITTED BY

Name (Print/Type)

Signature

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P. O. Box 1450, Alexandria, VA 22313-1450. DO NOT SENT FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.